

ORDER FOR SUPPLIES OR SERVICES										PAGE 1 OF 23	
1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. N65540-15-D-0005			2. DELIVERY ORDER/ CALL NO. N6449820FBB31		3. DATE OF ORDER/CALL (YYYYMMDD) 2020 Sep 17		4. REQ./PURCH. REQUEST NO. 1300864250		5. PRIORITY		
6. ISSUED BY NAVAL SURFACE WARFARE CENTER PHILA (b) (6)(b) (6)(b) (6)(b) (6) (b) (6)(b) (6)(b) (6)(b) (6)(b) (6)(b) (6) 5001 SOUTH BROAD STREET PHILADELPHIA PA 19112			CODE N64498		7. ADMINISTERED BY (if other than 6) CODE SEE ITEM 6				8. DELIVERY FOB <input type="checkbox"/> DESTINATION <input checked="" type="checkbox"/> OTHER (See Schedule if other)		
9. CONTRACTOR GENERAL DYNAMICS INFORMATION TECHNOLOGY, NAME AND ADDRESS 3150 FAIRVIEW PARK DR STE 100 FALLS CHURCH VA 22042-4504			CODE 07MU1		FACILITY		10. DELIVER TO FOB POINT BY (Date) (YYYYMMDD) SEE SCHEDULE		11. MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED		
							12. DISCOUNT TERMS		13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15		
14. SHIP TO NAVAL SURFACE WARFARE CENTER PHILA (b) (6)(b) (6)(b) (6) NSWC PHILADELPHIA DIVISION NSLC DETACHMENT 1601 LANGLEY AVE BLDG 542 PHILADELPHIA PA 19112			CODE N64498		15. PAYMENT WILL BE MADE BY CODE HQ0338 DFAS COLUMBUS CENTER, SOUTH ENTITLEMENT O P.O. BOX 182264 COLUMBUS OH 43218-2264				MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.		
16. TYPE OF ORDER		DELIVERY/ CALL		<input checked="" type="checkbox"/> X		This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract.					
		PURCHASE				Reference your quote dated Furnish the following on terms specified herein. REF:					
ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.											
NAME OF CONTRACTOR			SIGNATURE			TYPED NAME AND TITLE			DATE SIGNED (YYYYMMDD)		
<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:											
17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE See Schedule											
18. ITEM NO.		19. SCHEDULE OF SUPPLIES/ SERVICES				20. QUANTITY ORDERED/ ACCEPTED*		21. UNIT	22. UNIT PRICE	23. AMOUNT	
		SEE SCHEDULE									
		24. UNITED STATES OF AMERICA (b) (6)(b) (6)(b) (6)(b) (6) (b) (6)(b) (6)(b) (6)(b) (6)(b) (6)(b) (6) (b) (6)(b) (6)(b) (6)(b) (6)(b) (6)				(b) (6)			25. TOTAL	\$6,813,710.05	
						CONTRACTING / ORDERING OFFICER			26. DIFFERENCES		
27a. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED											
b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE						c. DATE (YYYYMMDD)		d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE			
e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE						28. SHIP NO.		29. DO VOUCHER NO.		30. INITIALS	
f. TELEPHONE NUMBER						g. E-MAIL ADDRESS		<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		32. PAID BY	
36. I certify this account is correct and proper for payment.						31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL				33. AMOUNT VERIFIED CORRECT FOR	
a. DATE (YYYYMMDD)		b. SIGNATURE AND TITLE OF CERTIFYING OFFICER								34. CHECK NUMBER	
										35. BILL OF LADING NO.	
37. RECEIVED AT		38. RECEIVED BY		39. DATE RECEIVED (YYYYMMDD)		40. TOTAL CONTAINERS		41. S/R ACCOUNT NO		42. S/R VOUCHER NO.	

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003	Engineering and Technical Services CPFF				
				ESTIMATED COST FIXED FEE	
				TOTAL EST COST + FEE	

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003AA	Holding SLIN for CLIN 0003 CPFF	1	Lot		
	This priced SLIN is a holding SLIN for administrative purposes. This SLIN will be reduced with every additional incremental funding modification. FOB: Destination PSC CD: R425			ESTIMATED COST FIXED FEE	
				TOTAL EST COST + FEE	

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003AB	Funding for CLIN 0003 CPFF	1	Lot		
	10 U.S.C. 2410a invoked. Funding available for performance through One (1) year from the Date of Award. FOB: Destination PURCHASE REQUEST NUMBER: 1300864250 PSC CD: R425			ESTIMATED COST FIXED FEE	
				TOTAL EST COST + FEE	
	ACRN AA CIN: 130086425000001				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004	Support Costs COST				

ESTIMATED COST

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004AA	Holding SLIN for CLIN 0004 COST This priced SLIN is a holding SLIN for administrative purposes. This SLIN will be reduced with every additional incremental funding modification. FOB: Destination PSC CD: R425	1	Lot		

ESTIMATED COST

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004AB	Funding for CLIN 0004 COST 10 U.S.C. 2410a invoked. Funding available for performance through One (1) year from the Date of Award. FOB: Destination PURCHASE REQUEST NUMBER: 1300864250 PSC CD: R425	1	Lot		

ESTIMATED COST

ACRN AA
CIN: 130086425000002INCREMENTAL FUNDING

This Level of Effort delivery order has hereby been awarded in the in the amount of [REDACTED] and incremental funding has been obligated in the amount of [REDACTED] As a result, the total amount of funding obligated and available for payment under this order is

██████████ It is estimated that the funding under this order will cover the cost of performance through 16 September 2021. In accordance with contract clause 52.232-22, Limitation of Funds, the Government is not obligated to reimburse the contractor for any costs incurred in excess of ██████████ unless additional funds are made available and obligated under this order in a subsequent modification. The total unfunded balance remaining is ██████████ based on the total delivery order value.

Section C - Descriptions and Specifications

STATEMENT OF WORK

**Statement of Work (SOW) for
Installations and Upgrades to LHD-1 Mid Life Propulsion Auxiliary Control System with
association to Hull, Machinery, and Engineering (HM&E) Systems**

1.0 INTRODUCTION

The Naval Surface Warfare Center Philadelphia Division (NSWCPD) is a Department of Defense entity responsible for research and development, test and evaluation, engineering and fleet support organization for the Navy's ships, submarines, military watercraft and unmanned vehicles. This requirement is for NSWCPD Code 517, which is responsible for the coordination and planning of all engineering and technical support services for the LHD Midlife Effort that comprises of the Propulsion Auxiliary Control System (PACS), Fluid Control System (FCS), Damage Control System (DCS) for Code 516, Ballast Control System (BCS) for Code 517 in association with 413 and the HM&E Local Area Network (LAN) for Code 526 aboard the LHD-1 Class.

1.1 BACKGROUND

The mission of NSWCPD is to provide in-service and modernization engineering for the controls and automation of shipboard Fluid Systems, Damage System, Ballast System, and Network Systems in order to support sponsors of Navy Modernization Programs. The purpose of this effort is to support NSWCPD Code 413, 516, 517, and 526 with its work on Modernization Programs and in its capacity as the In-Service Engineering Agent (ISEA) for various Hull, Mechanical, and Electrical (HM&E) systems and equipment. The programs consist of critical-path modernization efforts, such as Ship Change (SC)/Ship Alterations (SHIPALTs), as part of key production light-off and testing milestones during Chief of Naval Operations availabilities. Timely execution of these installations is crucial to the success of these programs. Additionally, these installs are intricate and affect system arrangement, interface, and distributive systems. Work includes performance on shipboard systems in the areas of Systems Engineering Support, Integrated Logistics Support, and Quality Assurance Support.

1.2 SCOPE OF WORK

The Contractor shall provide all required labor, materials, and resources to integrate and modernize shipboard systems. Modernization services include fabrication of related components, system/equipment pre-installation checkout (PICO), shipboard installations, material support, and Quality Assurance inspection. Installation services are required to support various levels of ship systems integration. This integration covers component level digital upgrades through system level upgrades. Under this task order, the contractor shall provide all required labor, incidental materials, and resources to perform the installation services required in support of multiple Ship Change Documents (SCD) for the Midlife Program. The contractor shall also

perform the additional necessary task in the drawings that are required for the SCDs to be executed properly.

2 APPLICABLE DOCUMENTS

- 2.1 MIL-STDS, MIL-SPECS, and Instructions at,
http://www.dsp.dla.mil/app_uil/SpecsAndStandards.aspx
- 2.2 Navy Modernization Program (NMP) Manual SL720-AA-MAN-030 at,
<https://www.nde.navy.mil/>
- 2.3 NAVSEA Technical Specification 9090-310 (revision) at, <https://www.nde.navy.mil/>
- 2.4 NAVSEA Standard Items at,
<http://www.navsea.navy.mil/CNRM/C/SERMC/SSRAC1/standard.aspx>
- 2.5 NAVSEA C9210.4 (revision) - All non-nuclear work on nuclear powered ships must be in strict compliance with the Naval Sea Systems Command Instruction (classified instructions under separate cover)
- 2.6 Applicable Ship Change Documents (SCDs)/Ship Alteration Records (SARs) provided by NSWC PHILADELPHIA SME
- 2.7 Applicable Ship's Installation Drawings (SIDs) and Sketches provided by NSWC PHILADELPHIA SME
- 2.8 NAVSEA S9AAO-AB-GSO-010/GOS, General Specification for Overhaul of Surface Navy Ships
- 2.9 NAVSEA S9AAO-AA-SPN-010/GEN SPEC, General Specifications for Ships
- 2.10 CINCLANTFLT/CINCPACFLTINST 4790.3, Joint Fleet Maintenance Manual (JFFM)
- 2.11 MIL-STD-1310, (Navy) Bonding and Grounding
- 2.12 NAVSEA S9300-AW-EDG-010, Electrical Plant Installation Standard Methods (EPISM)
- 2.13 NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification
- 2.14 NAVSEA Technical Publication S9074-AR-GIB-010/278, Requirements for Fabrication Welding and Inspection, and Casting Inspection and Repair for Machinery, Piping, and Pressure Vessels
- 2.15 MIL-STD-1689A, Fabrication, Welding and Inspection of Ship Structures
- 2.16 NAVSEA Technical Publication 59074-AR-GIB-010/1688, Requirements for Fabrication Welding and inspection of Submarine Structure.

- 2.17 ISO-9001 Quality Systems - Model for Quality Assurance in Design, Development, Production, Installation and Servicing <http://www.iso.org>
- 2.18 ISO-9002 Quality Systems - Model for Quality Assurance in Production, Installation and Servicing <http://www.iso.org>
- 2.19 Joint Fleet Maintenance Manual (JFMM) – CINCLANT/CINCPACFLTINST 4790 (series).
- 2.20 NAVSEA Fleet Modernization Program (FMP) Management and Operations Manual (NAVSEA SL720-AAMAN010/020) (series).
- 2.21 MIL-STD-480: Configuration Control - Engineering Changes, Deviations and Waivers
- 2.22 General Specification for Overhaul of Surface Ships (NAVSEA S9AA0-AB-GSO-010) (series)
- 2.23 MIL-M-38784: Manuals, Technical: General Style and Format Requirements.
- 2.24 Drawing Numbers: Please see attached Enclosure (1) of Drawing Schedule from Norfolk Naval Shipyard. Enclosure (2) is the Compact Disc of all Drawings that apply to this effort.
- 2.25 ES01-NPK9: Damage Control Central (5-79-0-C) Deteriorated Bulkhead Plating Work Request
- 2.26 MIL-STD-2042C, Department of Defense Standard Practice: Fiber Optic Topology Installation Standard Method for Naval Ships (18-OCT-2016)
- 2.27 Support Service Request Forms for all alterations specified in section 3.1.2 – 3.

(Copies of the above specification, standards, and handbooks are available from the Naval Publication and Forms Center, Standardization Documents Order Desk, 700 Robbins Avenue, Building-4D, Philadelphia, PA 19111-5094 or at <http://quicksearch.dla.mil/>.)

The Contractor shall reference and utilize the latest version available when performing tasks within this SOW.

3 REQUIREMENTS

In accordance to Applicable Document Paragraph 2.24, the Contractor shall provide all required labor, incidental materials, and resources to perform the installation and technical services required in support of the LHD-1 Midlife Program of multiple Ship Change Documents (SCD). In accordance with 2.27, the Contractor shall provide all services that are needed and not shown in the support services that will be provided. The contractor shall provide a quote based on performing all work described in the Reference Drawings, with the exception of Industrial Support Services and Crane Services. The contractor shall provide/perform all requirements for the ships listed below.

3.1 LHD-1; Location Norfolk, VA

3.1.1 Period of Performance: Date of award – 30 SEP 2021

3.1.2 SCD 11818: Propulsion Auxiliary Control System (PACS) and Local Area Network (LAN) Installation

3.1.2.1 This is the installation of the Local Area Network (LAN), Network communication to the Fluid Control System, Ballast Control System, and Damage Control System. This is install Universal Power Supply Management for continuous vital power for the Network and Propulsion Auxiliary Control System that will house all Control Systems across the ship. This includes the installation of Programmable Logic Controllers, Displays, Computers, Rack Foundations, Cableways, Multiple Cable Penetrators and Multiple Cable Transits for the LAN to communicate with all control systems on the ship. This install will require re-arrangement of existing systems and reinstall of systems to make sure for the Propulsion Auxiliary Control System and Network for the LHD Mid-life in accordance with the Ship Change Document (SCD). Refer to drawings (LHD-1 SCD 11818 Drawings) referenced in section 2.24 for specific instructions for removals and installation.

3.1.3 SCD 22190: Ballast Control System / Damage Control System Console Replacement

3.1.3.1 This install is for the Replacement of the Existing Damage and Ballast Control Console Station with new equipment, including the relocation of all alarms from the IC/SM Switchboard to the Programmable Logic Controllers as described within the Drawings installs by SCD 11818. Refer to drawings (LHD-1 SCD 22190 Drawings) referenced.

3.1.4 SCD 15667: Auxiliary Radar Tank Level Indicator (RTL) and Time Domain Reflectometers (TDRs) Installation

3.1.4.1 Replace existing GEMs TLIs for (10) lube oil tanks with TDRs, and (13) auxiliary tanks with Radar TLIs. One new 24" HMI will be installed within the Auxiliary Machinery Room. AIT will be responsible for all work related tasks including, hot work, fire watch, installing equipment, running cables, final terminations, and electrical modifications.

3.1.5 SCD 15677: Collection, Handling, Transfer (CHT) Radar Tank Level Indicators (RTLIs) Installation

3.1.5.1 Install a VEGAPULS 66 open air type RADAR Tank Level Indicator (RTL) onto the top of CHT Tank No. 1 No. 2, and modify the CHT pump control system in order to ensure reliability and minimize risk of safety, health and environmental situations.

3.2 Installation Ground Rules

- 3.2.1 Prior to the installation start date, the Site Foreman shall meet with the NSWCPD Program Manager, Program Manager Representative, In-Service Engineering Agent, and Subject Matter Expert to review the installation plan, drawings and schedule and to reaffirm all requirements 30 days prior to production start.
- 3.2.2 During the installation phase onboard the ship, the NSWCPD PM, SME, or OSIC representative will communicate their requirements to the Site Foreman (rather than individual team members). When the Foreman leaves the ship while work is in progress, he/she will appoint someone to act in his/her absence and identify this individual to the NSWCPD Representative.
- 3.2.3 The Site Foreman shall brief the NSWCPD OSIC or PMR daily on installation progress, including:
- (a) Status of planned production schedule
 - (b) Number of personnel onboard
 - (c) Material needed or proposed substitution
 - (d) Any proposed design changes or interferences in the installation
 - (e) Status of local shipyard support
 - (f) Schedule Performance Index (Per week)
 - (g) POA&M showing weekly status updates
- The Site Foreman shall also brief the NSWCPD OSIC/PMR/RMC on work progress/problems upon completion of each workday.
- 3.2.4 Contractor employees will not visit or contact ships without prior NSWCPD approval.
- 3.2.5 All communication with DOD, Naval Activities, and ships shall be via NSWCPD Program Manager, ISEA or SME.
- 3.2.6 Coordination of each Alteration / SC is the responsibility of the assigned NSWCPD AIT Program Manager / ISEA / SME and OSIC. The NSWCPD OSIC Representative may halt work and conduct an off-ship meeting whenever he/she determines that this is required to resolve problems. This responsibility applies to all aspects of an Alteration/SC.
- 3.2.7 AIT contractor site foreman and shipboard personnel must maintain all sections of a Quality Assurance (QA) workbook during industrial production. QA Workbook must be available onboard ship for OSIC review and Naval Supervising Activity QA inspection / Ship Building Specialist review.

- 3.2.8 Contractor develops In-Process Control Procedures (IPCPs) utilizing NAVSEA Standard Items and design detailing their process for installing the SC/alterations. Contractor will develop their In-Process Control Procedures (IPCPs) in accordance with NSI 009-09
- 3.2.9 Conduct Pre-Installation Check-Out (PICO) prior to start of work to verify what additional work might be needed for the SCDs to be completed properly. CRs must be submitted in a timely manner.
- 3.2.10 Execute drawings in their entirety and procure all material in the BOM, except Government Furnished Equipment (GFE).
- 3.2.11 Remove, Retain, Reinstall controllers, consoles, stations, actuators, wires, ventilation, valves, and motor controllers in accordance with (IAW) drawings.
- 3.2.12 Execute all testing notes IAW all drawings listed in drawing package.
- 3.2.13 The contractor is responsible for all welding, brazing, lagging, painting, including work that is greater than 75 lbs. listed in the drawings.
- 3.2.14 The contractor shall review the Support Service Request provided to be accurately aware of what additional services that they may be responsible for in section 2.27 (enclosure).
- 3.2.15 All fiber optic cable assembly installation and test services, as required herein, shall be in accordance with MIL-STD-2042C.
 - 3.2.15.1 Fiber optic installers, supervisors, and Quality Assurance (QA) personnel shall meet Navy shipboard personnel proficiency requirements identified in MIL-STD-1678-1, Requirement 1306 for all fiber optic installations, modifications, and repairs.
- 3.3 **Integrated Logistics Support:**
 - 3.3.1 Contractor shall provide support in the area of material shipment and receiving of their facility to the Shipyard, while ensuring inventory records are updated accordingly.
 - 3.3.2 Contractor shall provide Serial Numbers of all equipment to the OSIC/SME on-site for Configuration Management (CM) Reporting.
 - 3.3.3 Contractor will keep a spreadsheet of all cable ran, through space compartment(s), cable designation number, and terminated to length date for tracking in POAM for status and MS Excel for configuration management.
 - 3.3.3.1 Contractor shall assist with cable signal verification from Computer Component (PLC, HMI, Console, etc...) to End Device with ISEA.
- 3.4 **Quality Assurance Support:**
 - 3.4.1 Contractor shall perform identification, condition assessments, and labeling in accordance with NAVSEA Standard Items.

- 3.4.2 Contractor provides Quality Assurance and inspection to support the proper installation for technologies being introduced into existing platforms.
- 3.4.3 Contractor shall update and maintain a quality assurance program to support the AIT efforts tasked under this contract.
- 3.4.4 Contractor shall submit a written quality assurance plan to the Program Office for approval. Separate tasks require a quality assurance workbook. The Contractor shall remain 100 percent responsible for adherence to their approved quality manual. The Contractor will maintain this system at no cost to the Government and submit all updates to the SME immediately for his/her concurrence for use on this contract. In either case, the Contractor will submit all required processes, instructions, licenses, certificates, standards and other information the SME requires to ensure compliance with this requirement. The prime Contractor is responsible for auditing and certifying that all consultants, subcontractors and suppliers are in compliance with these quality requirements.
- 3.4.5 Contractor is required to have an Approval Quality Management System in order to perform the work, along with an Approved Quality System Letter from NAVSEA 04RP within three (3) years of Award.
- 3.4.6 Contractor shall maintain all necessary process control sheets in accordance with Program Office Alteration Quality Assurance Plan. Ensure Quality Assurance Inspections and Tests are accomplished in accordance with approved drawings, and applicable Government and commercial standards and specifications including documents listed in the Standards/Specification section of this SOW.
- 3.4.7 Offerors must provide an electronic QA Workbook a minimum of forty-five (45) days prior to the start of each installation. The electronic QA Workbook must follow the format and content as prescribed in NAVSEA Technical Specification 9090-310G. All welding and brazing procedures must be approved prior to the start of installation. The Offeror must identify all Level III procedures (including PCPs) on a company letterhead that will be used during the install. Submitted procedures must include any pre-fabrication and/or subcontractor work. Furthermore, all procedures require identification of I, V & G checkpoints.

3.5 Material Support.

- 3.5.1 The Contractor shall purchase and provide all IAF (Installing Activity Furnished) material listed on the Ship Installation Drawings (SID).
- 3.5.2 The Contractor is authorized to purchase and provide materials incidental to the performance of the services to be furnished under individual task orders.

- 3.5.3 It is anticipated that incidental materials will be required for the contractor to procure to support installations. These items include, but are not limited to: metal plate, angle, bar, channel, pipe, tee, elbow, coupling, welding electrode, welding studs, welding rods, cable hangers, electrical cable, circuit breakers, electrical lugs, connectors/back shells, paint, lagging paste, rubber channel, hydraulic fluid, various oils, electrical/mechanical switches, gaskets, stuffing tubes, packing assembly, paint roller, paint brushes, fire cloth, masking tape, and gloves.
- 3.5.4 The Contractor shall follow all disposition guidelines stated in drawings. If no drawings show the disposition of material, coordinate with the OSIC/SME onsite for further instructions.
- 3.5.5 The Contractor shall provide a detailed spreadsheet of all IAF material procured in accordance with paragraph 3.5.1 as a weekly report. Information shall include, but not limited to:
- (a) Part Number
 - (b) Drawing Number
 - (c) Purchase Order Number
 - (d) Lead Time
 - (e) Cost
 - (f) Reason for Delay

4 DATA REQUIREMENTS

4.1 The contractor shall provide the following deliverables associated with the tasking effort:

- 4.1.1 CDRL A001, Delivery Order Status Report
- 4.1.2 CDRL A002, Contract Financial Status Report (Monthly)
- 4.1.3 CDRL A003, Plan of Action & Milestones (POAM) (In accordance with TS9090-310G)
- 4.1.4 CDRL A004, Quality Assurance (QA) Workbook
- 4.1.5 CDRL A007, Weekly Production Status Reports, Material Status Report
- 4.1.6 CDRL A008, Redlined Ship Installation Drawings (SID), As required/requested by SME
- 4.1.7 CDRL A011, Pre-Project GFE/CFE Warehouse Inventory Report
- 4.1.8 CDRL A013, Pre-installation Site Survey Results

5 PLACE OF PERFORMANCE

All contractor work will be performed on site or in the contractor's own facility for parts that require prefabrication. These parts will be specified in the drawing packages. Please see Work Instruction 980 for specific locations.

6 TRAVEL

The Contractor is not required to travel from the primary performance location when supporting this requirement. The estimated number of trips is 1.

Travel in support of this requirement is anticipated to include the following locations:

Refer to Section 3.1 – (1) Norfolk, VA

All travel shall be conducted in accordance with FAR 31.205-46, Travel Costs, and HQ B-2-0020 Travel Cost – Alt I (NAVSEA). The Contractor will be authorized travel expenses and will be reimbursed for its reasonable actual travel costs in accordance with FAR 31.205-46 Travel Costs. The Contractor shall submit travel reports in accordance with DI-MGMT-81943 (CDRL A002).

7 GOVERNMENT FURNISHED PROPERTY

All Government Furnished Property (GFP) will be sent from the Naval Surface Warfare Center, Philadelphia Division. NSWCPD will coordinate with the contractor and the ship to determine where the shipment(s) will be sent, and when the shipment should be picked up. All GFP (Requisitioned Government Furnished Property.PDF) shall be shipped to availability location no later than 30 days prior to availability start date. Items to be provided by NSWCPD are as follows:

8 GOVERNMENT FURNISHED INFORMATION

Ship Installation Drawings (SID) and Liaison Action Reports (LARs) for each individual task will be provided via Compact Disc (CD).

9 LEVEL OF EFFORT

Refer to section 3 to determine Level of Effort.

10 Enterprise-Wide Contracting Manpower Reporting Application (ECMRA)

"The Contractor shall report Contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the [NAMED COMPONENT] via a secure data collection site. Contracted services excluded from reporting are based on Product Service Codes (PSCs). The excluded PSCs are:

- (1) W, Lease/Rental of Equipment;
- (2) X, Lease/Rental of Facilities;
- (3) Y, Construction of Structures and Facilities;
- (4) D, Automatic Data Processing and Telecommunications, IT and Telecom-Telecommunications Transmission (D304) and Internet (D322) ONLY;
- (5) S, Utilities ONLY;
- (6) V, Freight and Shipping ONLY.

The Contractor is required to completely fill in all required data fields using the following web address <https://doncmra.nmci.navy.mil>.

Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year. Contractors may direct questions to the help desk, linked at <https://doncmra.nmci.navy.mil>.

11 RELEASE OF INFORMATION

All technical data provided to the contractor by the Government and/or by the contractor for the Government shall be protected from public disclosure in accordance with the markings contained therein. All other information relating to the items being delivered or services being performed under this delivery order may not be disclosed by any means without prior approval of the authorized representative of the contracting officer. Dissemination or public disclosure includes, but is not limited to: permitting access to such information by foreign nationals or by any other persons on entity, publication or technical or scientific, advertising, or any other proposed public release. The contractor shall provide adequate physical protection to such information so as to preclude access by any person or entity not authorized such access by the Government.

12 SECURITY REQUIREMENTS

Security requirements shall be IAW the requirements laid out in the SOW for the Multiple Award Contract (MAC).

13 OVERTIME

Additional Overtime shall be as required and approved by the SME.

14 PERIOD OF PERFORMANCE

From date of award to 30 SEP 2021.

15 SUBJECT MATTER EXPERT (SME)

The Technical Point of Contact for this contract is (b) (6)(b) (6)(b) (6)(b) (6)(b) (6)

16 CONTRACTING OFFICER'S REPRESENTATIVE (COR)

The COR for this contract is (b) (6)(b) (6)(b) (6)(b) (6)

CLAUSES INCORPORATED BY FULL TEXT

C-237-H001 ENTERPRISE-WIDE CONTRACTOR MANPOWER REPORTING APPLICATION
(NAVSEA) (OCT 2018)

(a) The contractor shall report contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the _____ [insert named component] via a secure data collection site. Contracted services excluded from reporting are based on Product Service Codes (PSCs). The excluded PSCs are:

(1) W, Lease/Rental of Equipment;

- (2) X, Lease/Rental of Facilities;
- (3) Y, Construction of Structures and Facilities; (4) D, Automatic Data Processing and Telecommunications, IT and Telecom- Telecommunications Transmission (D304) and Internet (D322) ONLY;
- (5) S, Utilities ONLY;
- (6) V, Freight and Shipping ONLY.

(b) The contractor is required to completely fill in all required data fields using the following web address <https://www.ecmra.mil>.

(c) Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year. Contractors may direct questions to the help desk, linked at <https://dod.ecmra.support.desk@mail.mil>.

(End of text)

C-237-W001 ELECTRONIC COST REPORTING AND FINANCIAL TRACKING (eCRAFT) SYSTEM REPORTING (NAVSEA) (MAY 2019)

(a) The Contractor agrees to upload the Contractor's Funds and Man-hour Expenditure Reports in the Electronic Cost Reporting and Financial Tracking (eCRAFT) System and submit the Contractor's Performance Report on the day and for the same timeframe the contractor submits an invoice into the Wide Area Workflow (WAWF) module on the Procurement Integrated Enterprise Environment (PIEE) system. Compliance with this requirement is a material requirement of this contract. Failure to comply with this requirement may result in contract termination.

(b) The Contract Status Report indicates the progress of work and the status of the program and of all assigned tasks. It informs the Government of existing or potential problem areas.

(c) The Contractor's Fund and Man-hour Expenditure Report reports contractor expenditures for labor, materials, travel, subcontractor usage, and other contract charges.

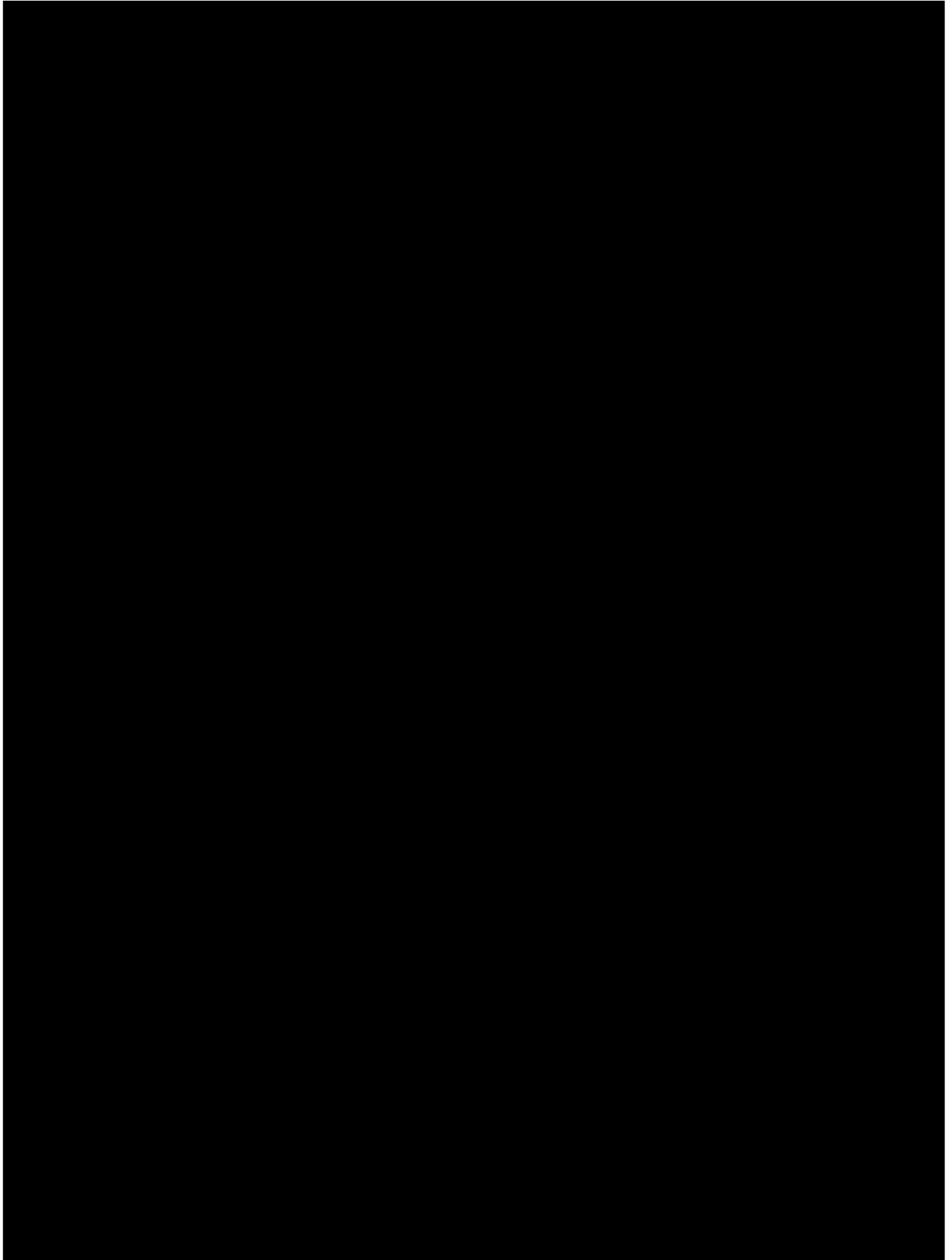
(1) Access: eCRAFT: Reports are uploaded through the eCRAFT System Periodic Report Utility (EPRU). The EPRU spreadsheet and user manual can be obtained at: <http://www.navsea.navy.mil/Home/Warfare-Centers/NUWC-Newport/Partnerships/Commercial-Contracts/Information-eCraft/> under eCRAFT information. The link for eCRAFT report submission is: https://www.pdrep.csd.disa.mil/pdrep_files/other/ecraft.htm. If you have problems uploading reports, please see the Frequently Asked Questions at the site address above.

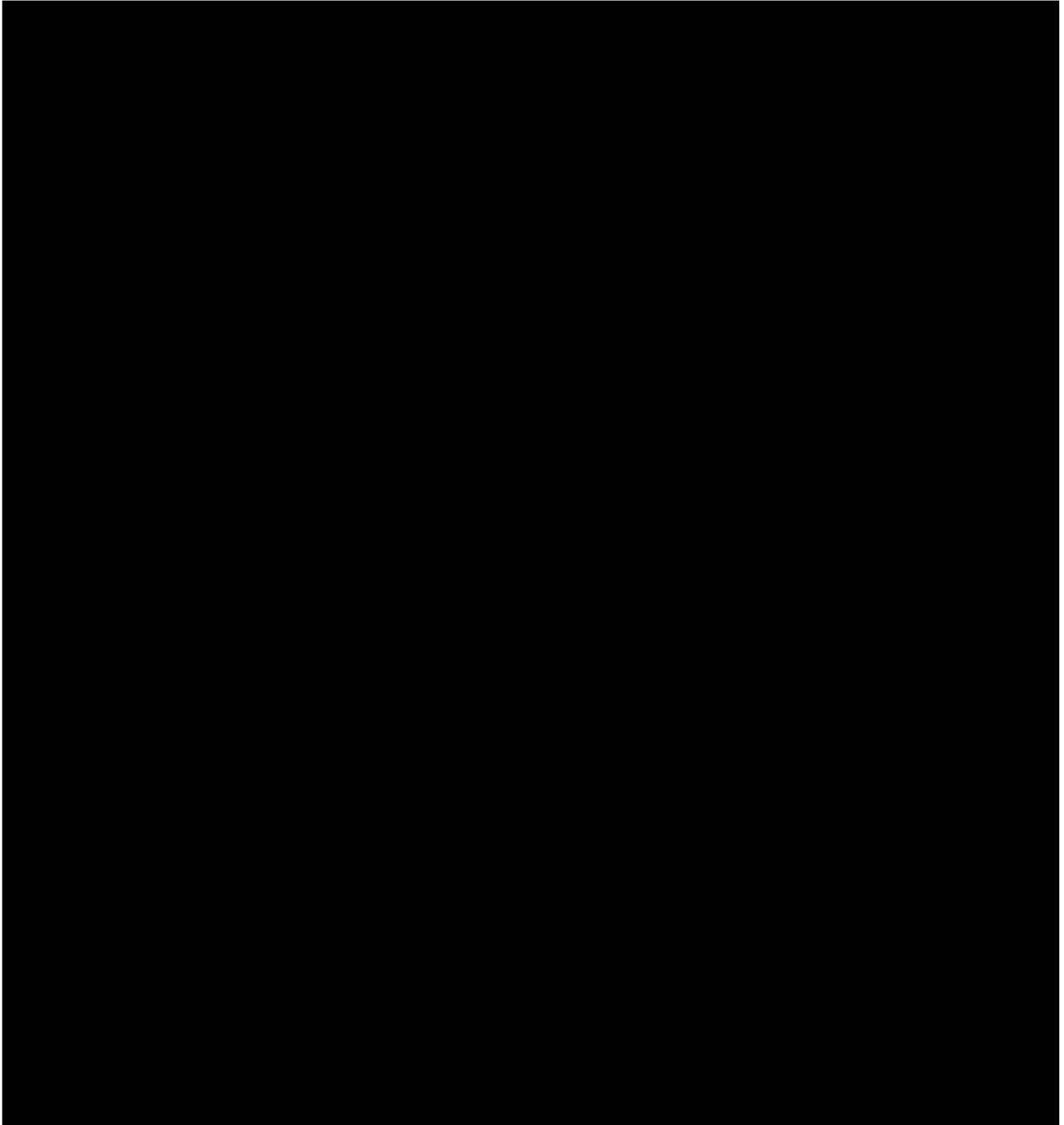
(2) Submission and Acceptance/Rejection: The contractor shall submit their reports on the same day and for the same timeframe the contractor submits an invoice in WAWF. The amounts shall be the same. eCRAFT acceptance/rejection will be indicated by e-mail notification from eCRAFT.

(End of text)

LEVEL OF EFFORT (LOE)







Section E - Inspection and Acceptance

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0003	N/A	N/A	N/A	N/A
0003AA	Destination	Government	Destination	Government
0003AB	Destination	Government	Destination	Government
0004	N/A	N/A	N/A	N/A
0004AA	Destination	Government	Destination	Government
0004AB	Destination	Government	Destination	Government

Section F - Deliveries or Performance

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	DODAAC / CAGE
0003	N/A	N/A	N/A	N/A
0003AA	POP 17-SEP-2020 TO 16-SEP-2021	N/A	NAVAL SURFACE WARFARE CENTER PHILA (b) (6)(b) (6)(b) (6) NSWC PHILADELPHIA DIVISION NSLC DETACHMENT 1601 LANGLEY AVE BLDG 542 PHILADELPHIA PA 19112 (b) (6)(b) (6) FOB: Destination	N64498
0003AB	POP 17-SEP-2020 TO 16-SEP-2021	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N64498
0004	N/A	N/A	N/A	N/A
0004AA	POP 17-SEP-2020 TO 16-SEP-2021	N/A	NAVAL SURFACE WARFARE CENTER PHILA (b) (6)(b) (6)(b) (6) NSWC PHILADELPHIA DIVISION NSLC DETACHMENT 1601 LANGLEY AVE BLDG 542 PHILADELPHIA PA 19112 (b) (6)(b) (6) FOB: Destination	N64498
0004AB	POP 17-SEP-2020 TO 16-SEP-2021	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N64498

Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 1701804 6B4B 257 A0054 056521 2D CX0092
COST CODE: 500540D0023P
AMOUNT: [REDACTED]

ACRN	CLIN/SLIN	CIN	AMOUNT
AA	0003AB	130086425000001	[REDACTED]
	0004AB	130086425000002	[REDACTED]

Section I - Contract Clauses

CLAUSES INCORPORATED BY REFERENCE

52.204-25	Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.	AUG 2020
52.223-18	Encouraging Contractor Policies To Ban Text Messaging While Driving	JUN 2020
52.232-18	Availability Of Funds	APR 1984
52.232-20	Limitation Of Cost	APR 1984
52.232-22	Limitation Of Funds	APR 1984
52.245-1	Government Property	JAN 2017
52.245-9	Use And Charges	APR 2012
252.203-7000	Requirements Relating to Compensation of Former DoD Officials	SEP 2011
252.204-7012	Safeguarding Covered Defense Information and Cyber Incident Reporting	DEC 2019
252.211-7007	Reporting of Government-Furnished Property	AUG 2012
252.232-7007	Limitation Of Government's Obligation	APR 2014
252.245-7001	Tagging, Labeling, and Marking of Government-Furnished Property	APR 2012
252.245-7002	Reporting Loss of Government Property	DEC 2017
252.245-7003	Contractor Property Management System Administration	APR 2012
252.245-7004	Reporting, Reutilization, and Disposal	DEC 2017

CLAUSES INCORPORATED BY FULL TEXT

52.222-2 PAYMENT FOR OVERTIME PREMIUMS (JUL 1990)

(a) The use of overtime is authorized under this contract if the overtime premium cost does not exceed [REDACTED] or the overtime premium is paid for work --

(1) Necessary to cope with emergencies such as those resulting from accidents, natural disasters, breakdowns of production equipment, or occasional production bottlenecks of a sporadic nature;

(2) By indirect-labor employees such as those performing duties in connection with administration, protection, transportation, maintenance, standby plant protection, operation of utilities, or accounting;

(3) To perform tests, industrial processes, laboratory procedures, loading or unloading of transportation conveyances, and operations in flight or afloat that are continuous in nature and cannot reasonably be interrupted or completed otherwise; or

(4) That will result in lower overall costs to the Government.

(b) Any request for estimated overtime premiums that exceeds the amount specified above shall include all estimated overtime for contract completion and shall--

(1) Identify the work unit; e.g., department or section in which the requested overtime will be used, together with present workload, staffing, and other data of the affected unit sufficient to permit the Contracting Officer to evaluate the necessity for the overtime;

(2) Demonstrate the effect that denial of the request will have on the contract delivery or performance schedule;

(3) Identify the extent to which approval of overtime would affect the performance or payments in connection with other Government contracts, together with identification of each affected contract; and

(4) Provide reasons why the required work cannot be performed by using multishift operations or by employing additional personnel.

* Insert either "zero" or the dollar amount agreed to during negotiations. The inserted figure does not apply to the exceptions in paragraph (a)(1) through (a)(4) of the clause.

(End of clause)